| L Number | Hits   | Search Text  | DB                     | Time stamp       |
|----------|--------|--|------------------------|------------------|
| 9        | 395728 | acrylamide or acrylic adj acid or  | USPAT;                 | 2004/07/20 10:18 |
|          |        | methacrylic adj acid or hydroxyethyl adj   | US-PGPUB;              | <u> </u>         |
|          |        | acrylate or hydroxyethyl ajd methacrylate or   | EPO; JPO;              | 1                |
|          |        | methacrylamide or n,n-dimethylacrylamide or  | DERWENT;               | 1                |
|          |        | allylalcohol or allyl adj alcohol or   | IBM_TDB                | 1                |
|          |        | n-vinylpyrrolidone or n,n-dimethylaminoethyl   |                        | 1                |
|          | 50001  | adj acrylate   |                        | 2004/07/20 25 55 |
| 10       | 52381  | polyallylamine adj hydrochloride or poly(allylamine hydrochloride) or  | USPAT;                 | 2004/07/20 06:56 |
|          |        | "(poly)allylamine hydrochloride" or  | US-PGPUB;<br>EPO; JPO; |                  |
|          |        | polyethyleneimine or "poly(ethyleneimine)"   | DERWENT;               |                  |
|          |        | or "(poly)ethyleneimine" or polyacrylic adj  | IBM_TDB                |                  |
|          |        | acid or "(poly)acrylic acid" or  |                        |                  |
|          |        | "poly(acrylic acid)" or polymethacrylic adj  |                        |                  |
|          |        | acid or "poly(methacrylic acid)" or  |                        |                  |
|          |        | "(poly)methacrylic acid"   |                        |                  |
| 11       | 2906   | (427/412.1 427/407.1).ccls.  | USPAT;                 | 2004/07/20 06:07 |
|          |        |  | US-PGPUB;              |                  |
|          |        |  | EPO; JPO;              | ļ                |
|          |        |  | DERWENT;               |                  |
| 1,0      | 1004   | 407/164 ==1=   | IBM_TDB                | 2004/07/00 05 05 |
| 12       | 1234   | 427/164.ccls.  | USPAT;                 | 2004/07/20 06:07 |
|          |        | , and the second | US-PGPUB;<br>EPO; JPO; |                  |
|          |        |  | DERWENT;               |                  |
|          |        |  | IBM TDB                |                  |
| 13       | 231    | 427/443.ccls.  | USPAT;                 | 2004/07/20 06:07 |
|          |        |  | US-PGPUB;              |                  |
|          |        |  | EPO; JPO;              |                  |
|          |        | -  | DERWENT;               |                  |
|          |        | ( ( ()   | IBM_TDB                |                  |
| 14       | 1633   | (351/159 351/160R).ccls.   | USPAT;                 | 2004/07/20 06:07 |
|          |        |  | US-PGPUB;<br>EPO; JPO; |                  |
|          |        |  | DERWENT;               |                  |
|          |        |  | IBM TDB                |                  |
| 15       | 5779   | (428/447 428/451 428/5125).ccls.   | USPAT;                 | 2004/07/20 06:07 |
|          |        |  | US-PGPUB;              |                  |
|          |        |  | EPO; JPO;              |                  |
|          |        |  | DERWENT;               |                  |
|          | 46040  |  | IBM_TDB                |                  |
| 16       | 46243  | contact adj lens or ophthalmic   | USPAT;                 | 2004/07/20 06:07 |
|          |        |  | US-PGPUB;              |                  |
|          |        |  | EPO; JPO; DERWENT;     |                  |
| ]        |        |  | IBM TDB                |                  |
| 31       | 0      | ((acrylamide or acrylic adj acid or  | USPAT;                 | 2004/07/20 06:54 |
|          |        | methacrylic adj acid or hydroxyethyl adj   | US-PGPUB;              |                  |
|          |        | acrylate or hydroxyethyl ajd methacrylate or   | EPO; JPO;              |                  |
|          |        | methacrylamide or n,n-dimethylacrylamide or  | DERWENT;               |                  |
|          |        | allylalcohol or allyl adj alcohol or   | IBM_TDB                |                  |
|          |        | n-vinylpyrrolidone or n,n-dimethylaminoethyl   |                        |                  |
|          |        | adj acrylate ) and (polyallylamine adj   |                        |                  |
|          |        | hydrochloride or "poly(allylamine  |                        |                  |
|          |        | hydrochloride) or "(poly)allylamine<br>hydrochloride" or polyethyleneimine or  |                        |                  |
|          |        | "poly(ethyleneimine)" or   |                        |                  |
| [        |        | "(poly)ethyleneimine" or polyacrylic adj   |                        |                  |
| [        |        | acid or "(poly)acrylic acid" or  |                        |                  |
|          |        | "poly(acrylic acid)" or polymethacrylic adj  |                        |                  |
|          |        | acid or "poly(methacrylic acid)" or  |                        |                  |
|          |        | "(poly)methacrylic acid" )) and  | `                      |                  |
|          |        | 427/443.ccls.  |                        |                  |

| 144 ((acrylamide or acrylic adj acid or methacrylic adj acrylate or hydroxyethyl ajd methacrylate or nallylate or hydroxyethyl ajd methacrylate or nallylate of hydroxyethyl ajd methacrylate or nallylate of or allylate of hydroxyethyl adj acrylate) and polylalylamine of hydrochloride's or "poly(allylamine hydrochloride's or "polylalylamine or "poly(chtylencimine)" or "poly(chtylencimine)" or "poly(chtylencimine)" or "poly(chtylencimine)" or "poly(chtylencimine)" or "poly(chtylencimine)" or "poly(carylic acid") or polymethacrylic adj acid or "poly(methacrylic acid") and (428/447 428/451 428/5125),cols.)  36   |     |     |  |          |                  |
|--|-----|-----|--|----------|------------------|
| acrylate or hydroxyethyl sid methacrylate or methacrylanide or n.n.dimethylacrylanide or allylaloxhol or allyladoxhol or allyladoxhol or allyladoxhol or n.n.dimethylamineethyl add acrylate) and (polyallylamine add) hydrochloride) or "polylethyleneimine" or n.n.dimethylacrylamide or methacrylic add acrylace or hydroxyethyl add acrylace or hydroxyethyl add acrylace or hydroxyethyl add acrylace or hydroxyethyl add acrylace or nethacrylic add (polyallylamine add) hydrochloride" or "polylallylamine or "polylethyleneimine" or polyacrylic add acrylace or hydroxyethyl add acrylace or h | 33  | 144 | ((acrylamide or acrylic adj acid or  | USPAT;   | 2004/07/20 06:10 |
| methacrylamide or n.n-dimethylacrylamide or allylalcohol or anlylalcohol or n-vinylpyrrolidone or n.n-dimethylaminocthyl adj acrylate ) and [polyallylamine adj hydrochloride' or "(polylallylamine bydrochloride') or "(polylallylamine or "poly(ethylencimine' or polyscrylic adj acid or "(polylacrylic acid" or "(polylacrylic adj acid or "(polylacrylic acid") or polymethacrylic adj acid or "(polylacrylic acid") and ((428/447 428/431 428/5125).ccls.) and ((428/447 428/441  |     |     |  |          |                  |
| allylalcohol or allyl adjalcohol or n-vinylpyrrolidone or n.n-dimethylaminocthyl adjacrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine) hydrochloride)" or "(poly)allylamine or "poly(ethyleneimine" or "(poly)ethyleneimine" or "(poly)ethyleneimine" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "(poly)athacrylic acid" or "(poly)athacrylic acid or "(poly)athacrylic acid or "(poly)athacrylic acid or "(poly)athacrylic acid or acrylate or hydroxyethyl adj acrylate i and (polyallylamine or allylalcohol or allyl adj alcohol or n-vinylpyrolidone or n.n-dimethylacrylamide or allylalcohol or ployedilylamine or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid or "(poly)athacrylic acid or "(poly)atrylic acid or "(poly)atry |     |     |  |          |                  |
| n-vinylpyrrolidone or n.n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride) or "poly(allylamine hydrochloride)" or "poly(allylamine hydrochloride)" or "polylathylamine hydrochloride)" or "polylathylamine hydrochloride)" or "polylethyleneimine) or "polylacrylic acid" or polymethacrylic adj acid or "polylacrylic acid" or polymethacrylic adj acid or "polylacrylic acid" or polymethacrylic adj acid or "cypolynethacrylic acid" or polymethacrylic acid or "cypolynethacrylic acid" or "n-vinylpyrrolidone or n.n-dimethylaminoethyl adj acrylate or hydrochloride or "polylallylamine hydrochloride or "polylallylamine hydrochloride)" or "polylallylamine hydrochloride)" or "polylallylamine hydrochloride)" or "polylallylamine hydrochloride or polyethyleneimine or "polylacrylic acid" or "cypolylallylamine hydrochloride)" or "polymethacrylic acid" or "cypolylallylamine hydrochloride or allyladichloride or n.n-dimethylamine or "polylacrylic acid" or "cypolylallylamine hydrochloride or allyladichloride or allyladichloride or n.n-dimethylamine or "polylacrylic acid" or "cypolylallylamine hydrochloride)" or "(polylallylamine hydrochloride)" or "polylacrylic adj acid or "polymethacrylic acid" or "polylacrylic adj acrylate or hydrochloride)" or "polylacrylic acid" or "cypolylacrylic acid" or "cypol   |     |     |  |          |                  |
| adj acrylate ) and (polyallylamine adj hydrochloride)" or "polyjallylamine hydrochloride)" or "polyyallylamine hydrochloride)" or polyethylamine hydrochloride)" or polyacrylic adj acid or "polyiethylamine" or polyacrylic adj acrylate or hydroxyethyl adj acrylate or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj methacrylate or allylalcchol or allyl adj alcohol or anylpyrrolidomo or n,n-dimethylamine hydrochloride or "polyiallylamine hydrochloride" or "polyiallylamine hydrochloride or "polyiallylamine hydrochloride or polyethyleneimine or "polyiethyleneimine" or "polyiethyleneimine" or polyacrylic adj acid or "polyiallylamine hydrochloride or n,n-dimethylamine or allylalcchol or allyl adj alcohol or n-vinylpyrrolidomo or n,n-dimethylamine phydrochloride or n,n-dimethylamine or "polyiethyleneimine" or  |     | ļ   | n-vinvlovrrolidone or n n-dimethylaminoethyl   | IBM_IDB  |                  |
| hydrochloride or "poly(allylamine hydrochloride" or "(polylathyleneimine" or "poly(ethyleneimine" or "poly(ethyleneimine" or "poly(ethyleneimine" or "poly(ethyleneimine" or "poly(ethyleneimine" or "polyacrylic adid acid or "polylacrylic acid" or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate) and (polyallylamine dylacohlor or n-vinylpyrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or "poly(allylamine adj acid or "poly(acrylic acid" or "polymethacrylic adj acid or "poly(acrylic acid" or "polymethacrylic acid" or "poly(acrylic acid" or "polymethacrylic acid" or "polylacrylic ac |     |     |  |          |                  |
| hydrochloride)* or "(poly)allylamine hydrochloride)* or polyethyleneimine or "poly(ethyleneimine)* or "(poly)ethyleneimine* or polyacrylic adj acid or "(poly)acrylic acid)* or polymethacrylic adj acid or "poly(methacrylic acid)* or ophymethacrylic adj acid or "poly)methacrylic acid)* or ophymethacrylic acid or "(poly)methacrylic or "(poly)methacrylic acid or "(poly)methacrylic or "(poly)methacrylic acid or "(poly)methacryl |     |     |  |          |                  |
| hydrochloride* or polyethyleneimine or "poly(ethyleneimine)* or "poly(ethyleneimine)* or polyacrylic adj acid or "poly)acrylic acid* or "poly(acrylic acid)* or polymethacrylic adj acid or "poly(acrylic acid)* or polymethacrylic adj acid or "poly femchacrylic acid)* or "poly(acrylic acid)* or polymethacrylic adj acrylate or hydroxyethyl adj acrylate) and (polyallylamine or allylalochol or allyl adj alcohol or n-vinylpyrrolidone or n.n-dimethylaminoethyl adj acrylate) and (polyallylamine or hydrochloride* or "poly(allylamine hydrochloride* or polyethyleneimine or "poly(acrylic acid)* or polymethacrylic adj acid or "polymethacrylic acid)* or "(poly)acrylic acid)* or polymethacrylic or allylalochol or allyl adj alcohol or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj methacrylic or "(poly)methacrylic acid)* or "(poly)methacry |     | ļ   |  |          |                  |
| "poly(ettyleneimine" or polyacrylic adj acid or "poly(acrylic acid" or polymethacrylic adj acid or "poly(acrylic acid" or polymethacrylic adj acid or "poly(methacrylic acid" or "poly(acrylic acid" or "polymethacrylic adj acid or "polymethacrylic adj acid or "polymethacrylic adj acid or methacrylic adj acid or methacrylic adj acid or hydroxyethyl adj polymethacrylic adj acid or methacrylic adj acid or hydroxyethyl adj polymethacrylic adj acid or methacrylic adj acid or hydroxyethyl adj polymethacrylic acid or "polylallylamine or allylalcohol or allyl adj alcohol or ndimethylamineethyl adj acrylate ) and (polyallylamine adj acid or "poly(acrylic acid" or "poly(acrylic acid" or "poly(acrylic acid" or "poly(acrylic acid) acid acid acid or "poly(acrylic acid) acid acid acid acid acid acid acid acid   |     | ļ   |  |          |                  |
| acid or "poly/acrylic acid" or "poly(acrylic acid") or polymethacrylic adid acid or "poly(methacrylic acid") or "(poly)methacrylic acid" or "(acrylamide or acrylic adj acid or methacrylic adj acid or methacrylic adj acid or methacrylic adj acid or hydroxyethyl adj methacrylate or methacrylamide or allyl adj alcohol or allyladj aljachol or allyladj aljachol or n.v-inylpyrrolidone or n.n-dimethylaminoethyl adj acrylate o hydroxyethyl adj hydrochloride" or "poly(allylamine hydrochloride") or "(poly)allylamine hydrochloride" or "poly(allylamine hydrochloride") or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(actylate acid") or "(poly)allylamine or "poly(actylate acid") or "(poly)allylamine or "(poly)methacrylic acid or "poly(methacrylic adj acid or methacrylia acid or "poly(methacrylic adj acrylate or hydroxyethyl adj acrylate or allylalcohol or allyl adj alcohol or n.n-vimylpyrrolidone or n.n-dimethylacrylaminoethyl adj acrylate) and (polyallylamine hydrochloride" or "poly(allylamine or "poly(acrylic acid" or "poly(acrylic aci |     | ļ   |  |          |                  |
| "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid")" or "(poly)methacrylic acid" or "(polymethacrylic acid acid or "(polymethacrylic acid acid or "(polymethacrylic acid acid or methacrylated or nyn-dimethylacrylamide or allylaichol or allyl adj alcohol or n-vimylpyrrolidome or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride" or "(poly)allylamine bydrochloride" or "(poly)allylamine bydrochloride" or "(poly)allylamine or "poly(ethyleneimine)" or "(poly)alrylic acid" or "poly(ethyleneimine)" or "(poly)alrylic acid" or "(poly)acrylic acid acid or "(poly)acrylic acid acid or "(poly)acrylic acid acid or "(poly)acrylic acid acid or "(poly)acrylic acid allochol or n-vimylpyrolidome or n,n-dimethylamine adj hydrochloride" or polyallylamine adj hydrochloride or "poly(allylamine adj hydrochloride" or polyallylamine adj acid or "poly(acrylic acid" or "polyacrylic adj acid or "poly(acrylic acid" or "polyacrylic acid" or "poly(acrylic acid" or "polyacrylic adj acid or "poly(acrylic acid" or "polyacrylic acid or "polya |     |     |  |          |                  |
| acid or "poly(methacrylic acid)" or "(poly)methacrylic acid") and ((428/447 428/451 428/5125).ccls.)  0 (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxycthyl adj acrylate or hydroxycthyl adj methacrylate or methacrylamide or a,ndimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,ndimethylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "polyallylamine adj hydrochloride" or polyallylamine hydrochloride' or polyallylamine or "poly(ethyleneimine)" or "(poly)allylamine hydrochloride' or polyacrylic acid or "poly(methacrylic acid" or "(poly)methacrylic adj acid or "poly(methacrylic acid" or "poly(methacrylic acid" or "polyacrylic acid or "polyacrylic acid or "polyacrylic acid or methacrylamide or n,ndimethylacrylamide or allylalcohol or allyl adj alcohol or allylalcohol or allylaldine hydrochloride or "polyallylamine adj hydrochloride or "polyallylamine adj hydrochloride or "polyallylamine hydrochloride" or polyacrylic acid or "poly(methacrylic acid" or "poly(ethyleneimine)" or "poly(acrylic acid)" or "poly(acrylic a       |     |     | acid or "(poly)acrylic acid" or  |          |                  |
| "(poly)methacrylic acid" ) and ((428/447 428/451 428/5125).cds. )  0 (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj ecrylate or hydroxyethyl adj ecrylate or hydroxyethyl adj ecrylate or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine hydrochloride or "poly(allylamine hydrochloride" or polytethyleneimine or "poly(ethyleneimine") or "poly(ethyleneimine") or "poly(ethyleneimine") or "poly(acrylic acid" or "poly(methacrylic acid" or "poly(methacrylic acid" or "polyhalminoethyl adj acrylate or hydroxyethyl adj acrylate or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine hydrochloride" or polyyethyleneimine or "poly(acrylic acid" or "poly(allylamine hydrochloride" or polyachyleneimine or "poly(acrylic acid" or "poly)ethyleneimine or "poly(acrylic acid" or "polymethacrylic acid" or "polyheneimine or "poly(acrylic acid" or "polymethacrylic acid" or n-vinylpyrrolidone or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or "polymethacrylic acid" or "polymethyleneimine or "polymethacrylic acid" or "polymethacrylic aci |     |     |  |          |                  |
| 428/451 428/5125).ccls.     0   ((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj methacrylate or allylalcohol or allylalcohol or allylalcohol or allylalcohol or an-vinylpyrrolidone or n,n-dimethylamineethyl adj acrylate or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or methacrylamide or n,n-dimethylamine hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or "polyacrylic adj acid or "(poly)acrylic acid" or "polyhacrylic acid" or "polyhacrylic acid" or "polymethacrylic acid" or "polymethacrylic acid" or "polymethacrylic acid" or "polymethacrylic acid" or methacrylic adj acid or hydroxyethyl adj acrylate or no polymethacrylamide or n,n-dimethylamine adj hydrochloride or "polydelylamine hydrochloride" or polymethacrylic adj acid or "poly(ethyleneimine" or "poly(ethyleneimine" or "polyderylic acid" or "polydecrylic acid" or "polydecrylic acid" or "polydecrylic acid" or "polymethacrylic acid" or    |     |     |  |          |                  |
| 0 (((accylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or hydroxyethyl adj methacrylamide or n.n-dimethylarylaminoethyl adj acrylate or allylalcohol or allylalcohol or allylalcohol or allylalcohol or n.vinylpyrroliodone or n.n-dimethylarylaminoethyl adj acrylate ) and (polyallylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or "poly(ethyleneimine" or "poly(ethyleneimine" or "poly(acrylic acid)" or "polyhalmine or n.vinylpyrroliodone or n.n-dimethylarylamide or acrylate or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or n.n-dimethylaminoethyl adj acrylate) and (polyallylamine hydrochloride)" or "poly(allylamine hydrochloride)" or "poly(allylamine hydrochloride)" or "polylallylamine or "poly(acrylic acid)" or "polylallylamine or "polylacrylic acid)" or "polylallylamine or "polylallylamine or "polylacrylic acid)" or "polylallylamine or "polylallylami | 1   | ,   |  |          |                  |
| methacrylic adj acid or hydroxyethyl adj explate or hydroxyethyl adj methacrylate or allylalcohol or allylalcohol or allylalcohol or allylalcohol or allylalcohol or allylalcohol or an eximply adj acrylate or hydroxyethyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylamineethyl adj acrylate b and (polyallylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or polyacrylic adj acid or "polylacrylic acid" or "polylacrylic acid" or "polylacrylic acid" or "polylacrylic acid" or "polymethacrylic acid" or methacrylic adj acid or nethacrylic adj acid or "polydelpyleneimine" or "polydelpyleneimine" or "polydelpyleneimine" or "polyderylic acid" or "polymethacrylic acid" or "polymethacrylic acid" or "polymethacrylic acid" or " | 2.5 |     |  |          |                  |
| acrylate or hydroxyethyl ajd methacrylate or methacrylamide or ndimethylacrylamide or ndimethylacrylamide or ndimethylacrylamide or ndimethylacrylamide or ndimethylacrylamide or ndimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride)" or "(polyylallylamine or "poly(ethyleneimine)" or "(polyylallylamine or "poly(ethyleneimine)" or polyacrylic adj acid or "(poly)ethyleneimine or or polyacrylic adj acid or "(poly)ethyleneimine)" or "(poly)ethyleneimine)" or "(poly)ethacrylic acid" or "polymethacrylic acid" or "polymethacrylic acid" or methacrylamide or acrylic adj acid or methacrylamide or allyladcohol or allyl adj alcohol or nvinylpyrrolidone or n.ndimethylamine adj hydrochloride or "polyallylamine hydrochloride" or polyacrylic adj acid or "(poly)ethyleneimine" or "poly(ethyleneimine" or "polyacrylic adj acid or "(poly)ethyleneimine" or "polyacrylic adj acid or "(poly)ethyleneimine" or "polyacrylic adj acid or "(poly)methacrylic acid" or "(polymethacrylic acid" or "(polymethacrylic acid" or "(polymethacrylic acid" or "(polymethacrylic acid" or nvinylpyrrolidone or n.ndimethylamine or "poly(acrylic acid" or "(polymethacrylic acid"                     | 36  | 0   |  |          | 2004/07/20 06:10 |
| methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or on-winylpyrrolidone or n,n-dimethylamine adj hydrochloride or "poly(allylamine hydrochloride" or "poly(allylamine hydrochloride" or "polylallylamine or "polylethyleneimine" or "polylethyleneimine" or "polylacrylic acid" or "polymethacrylic adj acid or "poly (methacrylic acid" or "polymethacrylic acid" or "polymethacrylic acid" or "polymethacrylic acid" or "polymethacrylic acid" or methacrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj methacrylamide or allylalcohol or allyl adj alcohol or n-winylpyrrolidone or n,n-dimethylamine hydrochloride)" or "polyyallylamine hydrochloride)" or "polyyallylamine hydrochloride)" or "polyyallylamine hydrochloride)" or "polyyethyleneimine or "poly(ethyleneimine)" or "poly(ethyleneimine)" or "poly(ethyleneimine)" or "poly(ethyleneimine)" or "poly(ethyleneimine)" or "polymethacrylic acid" or "polymethacrylic adj acid or "polymethacrylic acid" or "polymethacrylic or nwinylpyrrolidone or n,n-dimethylamine or nophthalmic) (((acrylamide or acrylic adj acid or "polymethacrylic acid" or "polymethacrylic adj acid or "polymethacrylic acid" or "polymethacrylic adj acid or "polymethacrylic acid" or "poly(ethyleneimine)" or "polymethacrylic adj acid or "polymethacrylic adj acid or "polymethacrylic acid" or "polymethacrylic adj acid or "polymethacrylic adj acid or "polymethacrylic acid" or "polymethacrylic adj acid or "polymethacrylic adj acid or "polymethacrylic acid" or "polymethacrylic acid" or "polymethacrylic adj acid or "polymethacrylic acid" or    |     |     |  | 1        |                  |
| allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyvallylamine adj hydrochloride)" or "(polyylallylamine) hydrochloride)" or "(polyylallylamine) hydrochloride)" or "(polyylallylamine) hydrochloride)" or "(polyylallylamine) hydrochloride)" or "(polyylathyleneimine)" or "(polyylethyleneimine)" or polyacrylic adj acid or "(poly)acrylic acid)" or polymethacrylic acid)" or "(poly)methacrylic acid)" or "(polymethacrylic acid)" or ophthalmic) (((acrylamide or acrylic adj acid or methacrylamide or acrylic adj acid or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylamine adj hydrochloride or "polylallylamine hydrochloride" or polytallylamine hydrochloride" or polytallylamine hydrochloride" or polytallylamine or "(poly)ethyleneimine)" or "(poly)ethyleneim |     |     |  |          |                  |
| n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine hydrochloride) " or "(polyallylamine hydrochloride)" or "(polyallylamine hydrochloride" or "polyethyleneimine or "poly(ethyleneimine)" or "(poly)acrylic acid" or "poly(acrylic acid" or "poly(acrylic acid" or "poly(acrylic acid" or "polymethacrylic acid") or "(poly)acrylic acid" or "polyhethacrylic acid" or "polyhethacrylic acid" or "polyhethacrylic acid" or methacrylic adj acid or methacrylic adj acid or methacrylic adj acid or methacrylic adj acid or nor allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polytchyleneimine or "poly(ethyleneimine)" or "poly(ethyleneimine)" or "poly(acrylic acid" or "polylacrylic acid" or "polylacrylic acid" or "polylacrylic acid" or "polylacrylic acid or "polyhethacrylic acid" or "polyhethacrylic acid" or "polyhethacrylic acid or "polyhethacrylic acid" or n-vinylpyrrolidone or n,n-dimethylaminoethyl acid acid or "polyhethacrylic acid" or "polyhethacrylic acid or "polyhethacrylic acid" or   |     | ļ   |  | · ·      |                  |
| adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polytehyleneimine or "poly (ethyleneimine)" or "poly (ethyleneimine)" or "poly (ethyleneimine" or polyacrylic adj acid or "poly (methacrylic acid" or polymethacrylic adj acid or "poly (methacrylic acid" or polymethacrylic acid" or polymethacrylic acid" or polymethacrylic acid" or polymethacrylic acid or methacrylic adj acid or hydroxyethyl adj acrylate or methacrylamide or n.n-dimethylacrylamide or allylalcohol or allyladj alcohol or n-vinylpyrrolidone or n.n-dimethylamine adj hydrochloride or "poly(allylamine adj hydrochloride" or "poly(allylamine adj hydrochloride" or "polylallylamine or "poly(ethyleneimine" or polyacrylic acid or "polylacrylic acid" or "polylacrylic acid" or "polylacrylic acid" or "polylacrylic acid" or "polylacrylic acid or "polylacrylamide or n.n-dimethylaminoethyl adj acrylate or hydroxyethyl ajd methacrylac or methacrylic adj acid or hydroxyethyl ajd methacrylac or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n.n-dimethylacrylamice or n.n-dimethylaminoethyl adj acrylate or hydroxyethyl ajd methacrylac or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n.n-dimethylaminoethyl adj acrylate or mydrochloride" or "polylallylamine adj hydrochloride" or "polylallylamine  |     |     |  | IBM_IDB  |                  |
| hydrochloride) or "poly(allylamine hydrochloride)" or "poly(allylamine hydrochloride" or polyathyleneimine or "poly(ethyleneimine)" or "(poly)allylacine)" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid" or "poly(acrylic acid") or ophthalmic )  37 23 (((acrylamide or acrylic adj acid or methacrylic adj acrylate or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate on allylalcohol or allyl adj alcohol or allylalcohol or allylamine adj hydrochloride) or "poly(allylamine adj hydrochloride)" or "(poly)alrylamine or "poly(ethyleneimine)" or "(poly)alrylamine or "poly(acrylic acid)" or allylalcohol or allyl adj alcohol or "poly(acrylic acid)" or "pol |     |     |  |          |                  |
| hydrochloride" or polytethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine)" or "(poly)ethyleneimine)" or "(poly)ethyleneimine)" or "poly(acrylic acid" or "poly(acrylic acid" or "poly(methacrylic acid") or polymethacrylic adj acid or "poly(methacrylic acid") acid or "poly(methacrylic acid") acid or "poly(methacrylic acid") acid or "(poly)methacrylic acid") acid or ophthalmic (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or methacrylamide or n,n-dimethylamine or allylalchol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylamine adj hydrochloride or "poly(allylamine adj hydrochloride") or "(poly)allylamine or "poly(ethyleneimine") or "poly(ethyleneimine") or "poly(ethyleneimine)" or "poly(acrylic acid") acid or "poly(allylamic acid") acid or "poly(methacrylic acid") acid or "poly(allylamine adj hydrochloride" or allylalchol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl acid acrylate or hydroxyethyl ajd methacrylate or methacrylic acid or "poly(allylamine adj hydrochloride" or "n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine adj hydrochloride") or "(poly)allylamine adj hydrochloride" or "poly(allylamine adj hydrochloride" or "poly(allylamine adj hydrochloride") or "(poly)allylamine adj hydrochloride" or "poly(allylamine adj hydrochlori |     |     |  |          |                  |
| hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(polymethacrylic acid)" or "(polymethacrylic acid)" or "(polymethacrylic acid)" or "(polymethacrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylate or n.n-dimethylarylamic or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n.n-dimethylaminoethyl adj acrylate ) and (polyallylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "(poly)methacrylic acid" or "(poly)methacrylic acid" or "(poly)acrylic acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n.n-dimethylaminoethyl adj acrylate) and (polyallylamine hydrochloride or "poly(allylamine hydrochloride" or polythyllamine hydrochloride or "poly(allylamine hydrochloride" or polythyllamine hydrochloride or |     |     |  |          |                  |
| "poly(ethylenemine)" or "(poly)ethylenemine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid")" or polymethacrylic adj acid or "poly(methacrylic acid") acid or "poly(methacrylic acid") and 427/443.ccls.) and (contact adj lens or ophthalmic) (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylamine hydrochloride or "poly(allylamine hydrochloride" or polyethylenemine or "poly(ethylenemine)" or "(poly)ethylenemine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid" or polymethacrylic adj acid or "poly(methacrylic acid" or "poly(acrylic acid" or polymethacrylic acid acid or "poly(methacrylic acid" or "(poly)ethylenemine)" or (((acrylamide or acrylic adj acid or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrolidone or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrolidone or n,n-dimethylamine hydrochloride" or polymethacrylic acid hydrochloride" or polydlallylamine hydrochloride or "poly(allylamine hydrochloride or "poly(allylamine hydrochloride" or polythylenemine or "poly(ethylenemine)" or "(poly)ethylenemine)" or "(poly)ethylenemine) |     |     |  |          |                  |
| acid or "(polylacrylic acid" or "poly(acrylic acid") acid or "poly(methacrylic acid") acid or "poly(methacrylic acid") acid or "(poly)methacrylic acid") acid or "(polylmethacrylic acid") and (427/443.ccis.) and (contact adj lens or ophthalmic)  23 (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj alcohol or allylalcohol or allylal adj alcohol or n-vinylpyrrolidone or n,n-dimethylamine adj hydrochloride or "poly(allylamine adj hydrochloride" or "(polylallylamine adj hydrochloride" or polytehelemimie or "poly(ethyleneimine" or polyacrylic adj acid or "(polylethyleneimine" or polyterylic adj acid or "(poly)methacrylic acid" or "(polylethyleneimine" or polyterylic acid" or "(polylethyleneimine" or polyterylic acid or "(polylacrylic acid" or "(polylacrylic acid" or "(acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or hydroxyethyl adj alcohol or allyl adj alcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylamine adj hydrochloride or "poly(allylamine hydrochloride" or "(polylallylamine hydrochloride" or polytehelemimine or "poly(ethyleneimine" or polytehelemimine or "poly(ethyleneimine" or polytehelacrylic adj acid or "(poly)ethyleneimine" or polytehelacrylic adj acid or "(polylethyleneimine" or polytehelacrylic adj acid or "(polylethyleneimine" or polytehelacrylic adj acid or "(poly)ethyleneimine" or polytehelacrylic adj acid or "(poly)ethyleneimine") or "(poly)ethyleneimine" or polytehelacrylic adj acid or "(poly)ethyleneimine") or "(polymethacrylic acid" or "(polymethacrylic acid" or "(polymethacrylic acid")) and (contact adj  |     |     |  |          |                  |
| "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or polymethacrylic acid" or "(poly)methacrylic acid") and 427/443.ccls.) and (contact adj lens or ophthalmic) (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj methacrylate or methacrylamide or n.n-dimethylamine or allylalchol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or polyacrylic acid" or "(poly) ethacrylic acid" or "((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or hydroxyethyl adj alcohol or allyl aldohol or allyl aldohol or n-vinylpyrrolidone or n,n-dimethylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine)" or "(poly)ethyleneimine" or polyethyleneimine or "poly(ethyleneimine" or polyethyleneimine or "poly(ethyleneimine" or polyethyleneimine or "poly(ethyleneimine" or polyethyleneimine or "poly(ethyleneimine" or polyethyleneimine or "polyethyleneimine" or polyethylen |     |     | "(poly)ethyleneimine" or polyacrylic adj   |          |                  |
| acid or "poly(methacrylic acid)" or "(poly)methacrylic acid")) and 427/443.ccls.) and (contact adj lens or ophthalmic)  (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine hydrochloride)" or "(poly)allylamine hydrochloride)" or "(poly)allylamine hydrochloride)" or polyethyleneimine or "poly(ethyleneimine" or polyacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" or "(poly)methacrylic adj acid or methacrylamide or acrylic adj acid or "poly(allylamine hydrochloride)" or nolymethacrylic adj acid or "poly(acrylic acid)" or "(coly)methacrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine hydrochloride)" or "(poly)allylamine hydrochloride)" or "(poly)allylamine hydrochloride)" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or "(poly)ethyleneimine" or polyacrylic adj acid or "poly(methacrylic acid" or "poly(acrylic acid)" or "(poly)ethyleneimine" or polyacrylic adj acid or "poly(methacrylic acid" or "(poly)ethyleneimine" or polyacrylic adj acid or "poly(methacrylic acid" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "(poly)ethyleneimine" or polyacrylic adj acid or "poly(methacrylic acid" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "(poly)ethyleneimine" or polyacrylic adj acid or "poly(methacrylic acid") and (contact adj  |     |     |  |          |                  |
| "(poly)methacrylic acid" )) and 427/443.ccls.) and (contact adj lens or ophthalmic)  (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride)" or "(poly)allylamine hydrochloride)" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)methacrylic acid" or polymethacrylic adj acid or "poly(methacrylic acid" or polymethacrylic adj acid or "polymethacrylic acid" or ophthalmic)  12 (((acrylamide or acrylic adj acid or methacrylamide or n,n-dimethylaminoethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or acrylic adj acrylate or hydroxyethyl ajd alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine adj hydrochloride)" or "(poly)allylamine or "poly(ethyleneimine)" or "(poly)allylamine or "poly(ethyleneimine)" or "(poly)allylamine or "poly(ethyleneimine)" or "(poly)allylamine or "poly(ethyleneimine)" or "(poly)allylamine or "poly(acrylic acid" or "polymethacrylic adj acid or "polymethacrylic adj acid or "polymethacrylic acid" or "polymethacrylic acid" or "polymethacrylic acid" or "polymethacrylic acid" or "(poly)acrylic acid" or "polymethacrylic acid" or "(poly)methacrylic acid" or "(poly)methacrylic acid" or "(poly)methacrylic acid" or "(poly)methacrylic acid")) and ((contact adj acid or "polymethacrylic acid") and ((contact adj acid or "polymethacrylic acid")) and (contact adj acid or "polymethacrylic acid")) and (cont |     |     |  |          |                  |
| 37 23 (427/443.cols.) and (contact adj lens or ophthalmic) (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj methacrylate or methacrylamide or n.n-dimethylacrylamide or allylalcohol or allyla adj alcohol or n-vinylpyrrolidone or n.n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine or "poly(aclylamine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "poly(aclylic acid") or "(poly)methacrylic acid" or "(poly)methacrylic acid") or "(poly)methacrylic acid" or "(poly)methacrylic acid" or "(poly)ethyleneimine or "polycethyleneimine or "polycethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "(poly)ethyleneimine" or polyacrylic adj acid or "poly(methacrylic acid" or "(poly)methacrylic acid") or "(poly)methacrylic acid") or "(poly)methacrylic acid") or "(poly)methacrylic acid") on "(poly)methacrylic acid") on methacrylic acid or "(poly)methacrylic acid") on methacrylic acid or "(poly)methacrylic acid")) and ((contact adj acid or "poly(methacrylic acid")) and (contact adj acid acid or "polycethyleneimine") or "(poly)methacrylic acid")) and (contact adj acid or "(poly)methacrylic acid")) and (contact adj acid or "(poly)methacrylic acid")) and (contact adj acid acid acid acid acid acid acid acid   |     |     |  |          |                  |
| ophthalmic )  (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyladj alcohol or n-vinylpyrrolidone or n,n-dimethylamine adj hydrochloride or "poly(allylamine hydrochloride or "poly(allylamine hydrochloride" or "poly(allylamine hydrochloride" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid" or "polymethacrylic acid" or "poly(acrylic acid" or ophthalmic)  (((acrylamide or acrylic adj acid or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allylalcohol or allylalcohol or allylalcohol or n-vinylpyrrolidone or n,n-dimethylacrylamide or allylalcohol or allyladj alcohol or n-vinylpyrrolidone or n,n-dimethylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(crylic acid" or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(acrylic acid" or polymethacrylic adj acid or "poly(acrylic acid" or "polymethacrylic adj acid or "poly(acrylic acid" or polymethacrylic adj acid or "poly(acrylic acid" or "polymethacrylic adj acid or "poly(acrylic acid" or polymethacrylic adj acid or "poly(acrylic acid" or "polymethacrylic adj acid or "poly(acrylic acid" or "polymethacrylic adj acid or "poly(acrylic acid" or "polymethacrylic acid" or "p |     |     |  |          |                  |
| 37 (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylamide or allylalcohol or allylal adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride) " or "(polylallylamine hydrochloride)" or "(polylallylamine or "poly(ethyleneimine") or "(polylethyleneimine") or "(polylethyleneimine") or "(polylmethacrylic acid)" or "(polylmethacrylic acid)" or "(polylmethacrylic acid)" or "(polylmethacrylic acid)" or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate) and (polyallylamine or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine hydrochloride)" or "(poly)allylamine hydrochloride" or poly(allylamine hydrochloride" or polyacrylic adj acid or "poly(ethyleneimine") or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "(poly)acryl |     |     |  |          |                  |
| methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj methacrylamide or methacrylamide or n.n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n.p-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride) " or "(poly)allylamine hydrochloride" or poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine)" or "(poly)ethyleneimine)" or "(poly)ethyleneimine)" or "poly(acrylic acid" or polymethacrylic acid or "polymethacrylic acid")" or polymethacrylic acid or "polymethacrylic acid") acid (351/159 351/160R).ccls.)) and (contact adj lens or ophthalmic)  12 (((acrylamide or acrylic adj acid or methacrylamide or n.n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n.vinylpyrrolidone or n.n-dimethylaminoethyl adj acrylate or methacrylamide or n.n-dimethylaminoethyl adj acrylate) and (polyallylamine hydrochloride or "poly(allylamine hydrochloride" or "poly(allylamine hydrochloride" or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine") or "(poly)acrylic acid or "(poly)acrylic acid or "poly(acrylic acid" or polymethacrylic acid or "(poly)acrylic acid") or polymethacrylic acid or "(poly)acrylic acid or "( | 37  | 23  |  | HCDAT.   | 2004/07/20 06:10 |
| acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n.n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n.n-dimethylaminoethyl adj acrylate ) and (polyallylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or polyacrylic adj acid or "(poly)ethyleneimine" or "(poly)ethyleneimine" or "(poly)ethyleneimine" or "polymethacrylic acid" or "(poly)ethyleneimine" or ophthalmic ) (((acrylamide or acrylic adj acid or "polymethacrylic acid") and ((351/159 351/160R).ccls.)) and (contact adj lens or ophthalmic) (((acrylamide or acrylic adj acid or methacrylate or hydroxyethyl ajd methacrylate or methacrylamide or n.n-dimethylacrylamide or allylatohol or allyl adj alcohol or n-vinylpyrrolidone or n.n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "polymethacrylic acid" or ""poly(acrylic acid") or "(poly)methacrylic acid") acid ((428/447 428/451 428/5125).ccls.)) and (contact adj  | 3 / | 23  |  |          | 2004/07/20 06:10 |
| methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyla dj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride) " or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly) ethyleneimine" or polyacrylic adj acid or "(poly) acrylic acid" or "poly(methacrylic acid)" or "(poly) methacrylic acid) " or "(allylachol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine hydrochloride or "poly (allylamine hydrochloride)" or "(poly)allylamine hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine)" or "(poly)ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(crylic acid)" or "poly(acrylic acid)" or "(poly)methacrylic acid)" or "(pol |     |     |  |          |                  |
| allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride) " or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine)" or "(poly)ethyleneimine" or polymethacrylic adj acid or "(poly)acrylic acid" or "(poly)methacrylic acid" or "(poly)methacrylic acid" or "(poly)methacrylic acid" or) acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" or) "(((acrylamide or acrylic adj acid or methacrylamide or acrylic adj acid or methacrylamide or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylamine hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls.)) and (contact adj  |     |     |  |          |                  |
| an-vinylpyrrolidone or n.n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid" or "(poly)methacrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid) in or ophthalmic ) (((acrylamide or acrylic adj acid or ophthalmic ) (((acrylamide or acrylic adj acid or omethacrylamide or n.n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n.n-dimethylaminoethyl adj acrylate ) and (polyallylamine hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid" or "poly(acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" or "(poly)methacrylic acid" or "(poly)methacrylic acid)" or "(poly)methacrylic acid"  |     |     |  |          |                  |
| adj acrylate ) and (polyallylamine adj hydrochloride) or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride)" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or "poly(acrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid" )) and ((351/159 351/160R).ccls.)) and (contact adj lens or ophthalmic) (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or hydroxyethyl adj acrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or "polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid" or "poly(acrylic acid" or "poly(methacrylic acid)" or "(poly)methacrylic acid" )) and (contact adj   |     |     |  |          |                  |
| hydrochloride) " or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" )) and ((351/159 351/160R).ccls. )) and (contact adj lens or ophthalmic )  (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" or "(poly)methacrylic acid" or "(poly)methacrylic acid") and ((428/447 428/451 428/5125).ccls. )) and (contact adj  |     |     |  |          |                  |
| hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" )) and ((351/159 351/160R).ccls.)) and (contact adj lens or ophthalmic)  (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or "poly(acrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls.)) and (contact adj  |     |     |  |          |                  |
| "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or "poly(acrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid)" or ophthalmic )  12 (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polythyleneimine or "poly(ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid" or "poly(acrylic acid)" or "poly(acrylic acid)" or "(poly)methacrylic acid" or "(poly)methacrylic acid" or "(poly)methacrylic acid" or "(poly)methacrylic acid" on "(poly |     |     |  |          |                  |
| "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid" )) and ((351/159 351/160R).ccls. )) and (contact adj lens or ophthalmic )  (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls. )) and (contact adj   |     |     |  |          |                  |
| acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" )) and ((351/159 351/160R).ccls.)) and (contact adj lens or ophthalmic)  (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or "(poly)methacrylic acid")) and ((428/447 428/451 428/5125).ccls.)) and (contact adj  |     |     | "poly(ethyleneimine)" or   |          |                  |
| "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid" )) and ((351/159 351/160R).ccls.)) and (contact adj lens or ophthalmic)  12 (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or allylalcohol or allyl adj alcohol or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid") and ((428/447 428/451 428/5125).ccls.)) and (contact adj  | İ   |     | "(poly)ethylenelmine" or polyacrylic adj   |          |                  |
| acid or "poly(methacrylic acid)" or  "(poly)methacrylic acid" )) and ((351/159 351/160R).ccls.)) and (contact adj lens or ophthalmic)  (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or  "(poly) ethyleneimine" or polymethacrylic adj acid or "poly(methacrylic acid)" or  "(poly) methacrylic acid)" or  "(poly) methacrylic acid" )) and ((428/447 428/451 428/5125).ccls.)) and (contact adj   |     |     |  |          |                  |
| "(poly)methacrylic acid" )) and ((351/159 351/160R).ccls.)) and (contact adj lens or ophthalmic)  (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj acrylate or n.n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid" or "poly(methacrylic acid)" or "(poly)methacrylic acid" or "(poly)methacrylic acid" or "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls.)) and (contact adj   |     |     | "poly(actylic actd)" or polymethacrylic adj  |          | -                |
| 351/160R).ccls.)) and (contact adj lens or ophthalmic)  (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or "poly(acrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls.)) and (contact adj  |     |     | "(poly)methacrylic acid"   \ and \ \ \ \ \ 2 = 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |          |                  |
| ophthalmic )  (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl adj methacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or "(poly) allylamine hydrochloride" or polyethyleneimine or "poly(acrylic acid" or "poly(acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly) methacrylic acid" ) and ((428/447 428/451 428/5125).ccls.)) and (contact adj  |     |     | 351/160R).ccls. )) and (contact add leng or  |          |                  |
| 12 (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n.n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly) ethyleneimine" or polyacrylic adj acid or "poly(acrylic acid" or "poly(acrylic acid" or "poly(acrylic acid" or "(poly) methacrylic acid") and ((428/447 428/451 428/5125).ccls.)) and (contact adj  |     |     | ophthalmic)  |          |                  |
| methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls. )) and (contact adj  | 38  | 12  |  | USPAT:   | 2004/07/20 06:10 |
| acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or "poly(acrylic acid)" or "poly(methacrylic acid)" or "(poly) methacrylic acid" )) and ((428/447 428/451 428/5125).ccls. )) and (contact adj  |     |     |  |          | ,, 25 55.10      |
| methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine" or "(poly) ethyleneimine" or "(poly) ethyleneimine" or polyacrylic adj acid or "(poly) acrylic acid" or "poly(acrylic acid)" or "(poly) methacrylic acid)" or "(poly) methacrylic acid" )) and ((428/447 428/451 428/5125).ccls. )) and (contact adj  |     |     | acrylate or hydroxyethyl ajd methacrylate or   | 1        |                  |
| n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls. )) and (contact adj  |     |     |  | DERWENT; |                  |
| adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls.)) and (contact adj  |     |     |  | IBM_TDB  |                  |
| hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or "poly(acrylic acid)" or "poly(methacrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls.)) and (contact adj  |     |     |  | _        |                  |
| hydrochloride) " or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls.)) and (contact adj  |     |     | adj acrylate ) and (polyallylamine adj   |          |                  |
| hydrochloride" or polyethyleneimine or  "poly(ethyleneimine)" or  "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or  "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or  "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls.)) and (contact adj  |     |     | nydrochloride or "poly(allylamine  |          |                  |
| "poly(ethyleneimine)" or  "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or  "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or  "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls.)) and (contact adj  |     |     | nydrochioride) " or "(poly)allylamine  |          |                  |
| "(poly)ethyleneimine" or polyacrylic adj<br>acid or "(poly)acrylic acid" or<br>"poly(acrylic acid)" or polymethacrylic adj<br>acid or "poly(methacrylic acid)" or<br>"(poly)methacrylic acid" )) and ((428/447<br>428/451 428/5125).ccls.)) and (contact adj   |     |     | nyurochioride" or polyethyleneimine or   |          |                  |
| acid or "(poly)acrylic acid" or  "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or  "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls.)) and (contact adj   |     |     | "poly(ethyleneimine)" or   |          |                  |
| "poly(acrylic acid)" or polymethacrylic adj<br>acid or "poly(methacrylic acid)" or<br>"(poly)methacrylic acid" )) and ((428/447<br>428/451 428/5125).ccls.)) and (contact adj  |     |     |  |          |                  |
| acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls.)) and (contact adj   |     |     | "poly(acrylic acid)" or polymethacrylic adi  |          |                  |
| "(poly)methacrylic acid" )) and ((428/447 428/451 428/5125).ccls.)) and (contact adj   |     |     | acid or "poly(methacrylic acid)" or  |          |                  |
| 428/451 428/5125).ccls. )) and (contact adj  |     |     | "(poly)methacrylic acid" )) and ((428/447  |          |                  |
|  |     |     | 428/451 428/5125).ccls. )) and (contact adj  |          |                  |
|  |     |     |  |          |                  |

| 39                                    | 41        | ((((acrylamide or acrylic adj acid or   | USPAT;              | 2004/07/20 06:30 |
|---------------------------------------|-----------|---|---------------------|------------------|
|                                       |           | methacrylic adj acid or hydroxyethyl adj  | US-PGPUB;           |                  |
|                                       |           | acrylate or hydroxyethyl ajd methacrylate or  | EPO; JPO;           |                  |
|                                       |           | methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or                          | DERWENT;<br>IBM TDB |                  |
|                                       |           | n-vinylpyrrolidone or n,n-dimethylaminoethyl  | 1201-122            |                  |
|                                       |           | adj acrylate ) and (polyallylamine adj  |                     |                  |
|                                       |           | hydrochloride or "poly(allylamine   |                     |                  |
|                                       |           | hydrochloride) " or "(poly)allylamine   |                     |                  |
|                                       |           | hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or   |                     |                  |
|                                       |           | "poly(ethyleneimine)" or<br>  "(poly)ethyleneimine" or polyacrylic adj                                    |                     |                  |
|                                       |           | acid or "(poly)acrylic acid" or   |                     |                  |
|                                       |           | "poly(acrylic acid)" or polymethacrylic adj   |                     |                  |
|                                       |           | acid or "poly(methacrylic acid)" or   |                     |                  |
|                                       |           | "(poly)methacrylic acid" )) and ((427/412.1   |                     |                  |
|                                       |           | 427/407.1).ccls. )) and (contact adj lens or  |                     |                  |
|                                       |           | ophthalmic )) or ((((acrylamide or acrylic adj acid or methacrylic adj acid or                            |                     |                  |
|                                       |           | hydroxyethyl adj acrylate or hydroxyethyl   |                     |                  |
|                                       |           | ajd methacrylate or methacrylamide or   |                     |                  |
|                                       |           | n,n-dimethylacrylamide or allylalcohol or   |                     |                  |
|                                       |           | allyl adj alcohol or n-vinylpyrrolidone or  |                     |                  |
|                                       |           | n,n-dimethylaminoethyl adj acrylate ) and   |                     |                  |
|                                       |           | (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride)" or                                  |                     |                  |
|                                       |           | "(poly)allylamine hydrochloride" or   |                     |                  |
|                                       |           | polyethyleneimine or "poly(ethyleneimine)"  | •                   |                  |
|                                       |           | or "(poly)ethyleneimine" or polyacrylic adj   |                     |                  |
|                                       |           | acid or "(poly)acrylic acid" or   |                     |                  |
|                                       |           | "poly(acrylic acid)" or polymethacrylic adj   |                     |                  |
|                                       |           | acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" )) and                                       |                     |                  |
|                                       |           | 427/164.ccls.) and (contact adj lens or   |                     |                  |
|                                       |           | ophthalmic )) or (((acrylamide or acrylic   |                     |                  |
|                                       |           | adj acid or methacrylic adj acid or   |                     |                  |
|                                       |           | hydroxyethyl adj acrylate or hydroxyethyl   |                     |                  |
|                                       |           | ajd methacrylate or methacrylamide or   |                     |                  |
|                                       |           | n,n-dimethylacrylamide or allylalcohol or   |                     |                  |
|                                       |           | allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and                      |                     |                  |
|                                       |           | (polyallylamine adj hydrochloride or  |                     |                  |
|                                       |           | "poly(allylamine hydrochloride)" or   |                     |                  |
|                                       |           | "(poly)allylamine hydrochloride" or   |                     |                  |
|                                       |           | polyethyleneimine or "poly(ethyleneimine)"  |                     |                  |
|                                       |           | or "(poly)ethyleneimine" or polyacrylic adj   |                     |                  |
|                                       |           | acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj                               |                     |                  |
|                                       |           | acid or "poly(methacrylic acid)" or   |                     |                  |
|                                       |           | "(poly)methacrylic acid" )) and   |                     |                  |
|                                       |           | 427/443.ccls. ) and (contact adj lens or  |                     |                  |
|                                       |           | ophthalmic )) or ((((acrylamide or acrylic  |                     |                  |
|                                       |           | adj acid or methacrylic adj acid or   |                     |                  |
|                                       |           | hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or                           |                     |                  |
|                                       |           | n,n-dimethylacrylamide or allylalcohol or   |                     |                  |
|                                       |           | allyl adj alcohol or n-vinylpyrrolidone or  |                     |                  |
|                                       |           | n,n-dimethylaminoethyl adj acrylate ) and   |                     |                  |
|                                       |           | (polyallylamine adj hydrochloride or  |                     |                  |
|                                       |           | "poly(allylamine hydrochloride)" or   |                     |                  |
|                                       |           | <pre>"(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)"</pre>                 |                     |                  |
|                                       |           | or "(poly)ethyleneimine" or polyacrylic adj   |                     |                  |
|                                       |           | acid or "(poly)acrylic acid" or   |                     |                  |
|                                       |           | "poly(acrylic acid)" or polymethacrylic adj   |                     |                  |
|                                       |           | acid or "poly(methacrylic acid)" or   |                     |                  |
|                                       |           | "(poly)methacrylic acid" )) and ((351/159   |                     |                  |
|                                       |           | 351/160R).ccls. )) and (contact adj lens or   |                     |                  |
|                                       |           | ophthalmic )) or ((((acrylamide or acrylic adj acid or methacrylic adj acid or                            |                     |                  |
|                                       |           | hydroxyethyl adj acrylate or hydroxyethyl   |                     |                  |
|                                       |           | ajd methacrylate or methacrylamide or   |                     |                  |
| Search His                            | torv 7    | n dimethylacrylamide or allylalcohol or allyl adjairohol or religious or allyl adjairohol or religious or |                     |                  |
|                                       | st\worksn | artyr adj arcohol or n-Vinylpyrrolidone or  |                     |                  |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ,         | Gesh Chimethylamshoethyl adj acrylate ) and (polyallylamine adj hydrochloride or                          |                     |                  |
| ı                                     |           | L'estratione au my my discrition de or  |                     | 1                |

| 40 | 59    | ("6713524" "6465056" "6521352" "6447920" | USPAT;    | 2004/07/20 09:41 |
|----|-------|--|-----------|------------------|
|    |       | "6586038" "6468667" "6436481" "5965631"  | US-PGPUB; |                  |
|    |       | "6169127" "6087412" "6099122" "6589665"  | EPO; JPO; |                  |
|    |       | "6719929" "6759388" "6162844" "6149842"  | DERWENT;  |                  |
|    |       | "6149692" "6300443" "6197906" "6734321"  | IBM TDB   |                  |
|    |       | "6730366" "6555103" "6582754" "6299787"  | _         |                  |
|    |       | "5965631" "5789461" "5796999" "5849811"  |           | 1                |
|    |       | "6623747" "5760100" "5248620").pn.       |           |                  |
| 43 | 253   | polyallylamine adj hydrochloride or      | USPAT;    | 2004/07/20 06:50 |
|    |       | "poly(allylamine hydrochloride)" or      | US-PGPUB; |                  |
|    |       | "(poly)allylamine hydrochloride"         | EPO; JPO; |                  |
|    |       |  | DERWENT;  |                  |
|    |       |  | IBM TDB   |                  |
| 44 | 18    | (contact adj lens or ophthalmic ) and    | USPAT;    | 2004/07/20 06:33 |
|    |       | (polyallylamine adj hydrochloride or     | US-PGPUB; |                  |
|    |       | "poly(allylamine hydrochloride)" or      | EPO; JPO; |                  |
|    |       | "(poly)allylamine hydrochloride")        | DERWENT;  |                  |
|    |       |  | IBM_TDB   |                  |
| 45 | 38874 |  | USPAT;    | 2004/07/20 10:17 |
|    |       | or "poly(acrylic acid)"                  | US-PGPUB; |                  |
|    |       |  | EPO; JPO; |                  |
|    |       |  | DERWENT;  |                  |
|    |       |  | IBM_TDB   |                  |
| 46 | 68    | (polyallylamine adj hydrochloride or     | USPAT;    | 2004/07/20 06:46 |
|    |       | "poly(allylamine hydrochloride)" or      | US-PGPUB; |                  |
|    |       | "(poly)allylamine hydrochloride") and    | EPO; JPO; |                  |
|    |       | (polyacrylic adj acid or "(poly)acrylic  | DERWENT;  |                  |
|    |       | acid" or "poly(acrylic acid)" )          | IBM_TDB   |                  |
| 47 | 12    | ((polyallylamine adj hydrochloride or    | USPAT;    | 2004/07/20 06:47 |
|    |       | "poly(allylamine hydrochloride)" or      | US-PGPUB; |                  |
|    |       | "(poly)allylamine hydrochloride") and    | EPO; JPO; |                  |
|    |       | (polyacrylic adj acid or "(poly)acrylic  | DERWENT;  |                  |
|    |       | acid" or "poly(acrylic acid)" )) and     | IBM_TDB   | İ                |
|    |       | (contact adj lens or ophthalmic )        |           |                  |

| 48         | 308       | (((acrylamide or acrylic adj acid or  | USPAT;    | 2004/07/20 06:5 |
|------------|-----------|---|-----------|-----------------|
|            |           | methacrylic adj acid or hydroxyethyl adj  | US-PGPUB; |                 |
|            |           | acrylate or hydroxyethyl ajd methacrylate or  | EPO; JPO; |                 |
|            |           | methacrylamide or n,n-dimethylacrylamide or   | DERWENT;  |                 |
|            |           | allylalcohol or allyl adj alcohol or  | IBM_TDB   |                 |
|            |           | n-vinylpyrrolidone or n,n-dimethylaminoethyl<br>adj acrylate ) and (polyallylamine adj                                      |           |                 |
|            |           | hydrochloride or "poly(allylamine ad)   |           |                 |
|            |           | hydrochloride) " or "(poly)allylamine   |           |                 |
|            |           | hydrochloride" or polyethyleneimine or  |           |                 |
|            |           | "poly(ethyleneimine)" or  |           |                 |
|            |           | "(poly)ethyleneimine" or polyacrylic adj  |           |                 |
|            |           | acid or "(poly)acrylic acid" or   |           |                 |
|            |           | "poly(acrylic acid)" or polymethacrylic adj   |           |                 |
|            |           | acid or "poly(methacrylic acid)" or   |           |                 |
|            |           | "(poly)methacrylic acid" )) and ((427/412.1 427/407.1).ccls. )) or (((acrylamide or   |           |                 |
|            |           | acrylic adj acid or methacrylic adj acid or   |           |                 |
|            |           | hydroxyethyl adj acrylate or hydroxyethyl   |           |                 |
|            |           | ajd methacrylate or methacrylamide or   |           |                 |
|            |           | n,n-dimethylacrylamide or allylalcohol or   |           |                 |
|            |           | allyl adj alcohol or n-vinylpyrrolidone or  |           |                 |
|            |           | n,n-dimethylaminoethyl adj acrylate ) and   |           |                 |
|            |           | (polyallylamine adj hydrochloride or  |           |                 |
|            |           | "poly(allylamine hydrochloride)" or   |           |                 |
|            |           | "(poly)allylamine hydrochloride" or polyethyleneimine)"   |           |                 |
|            |           | or "(poly)ethyleneimine" or polyacrylic adj   |           |                 |
|            |           | acid or "(poly)acrylic acid" or   |           |                 |
|            |           | "poly(acrylic acid)" or polymethacrylic adj   |           |                 |
|            |           | acid or "poly(methacrylic acid)" or   |           |                 |
|            |           | "(poly)methacrylic acid" )) and   |           |                 |
|            |           | 427/164.ccls. ) or (((acrylamide or acrylic   |           |                 |
|            |           | adj acid or methacrylic adj acid or   |           |                 |
|            |           | hydroxyethyl adj acrylate or hydroxyethyl   |           |                 |
|            |           | ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or   |           |                 |
|            |           | allyl adj alcohol or n-vinylpyrrolidone or  |           |                 |
|            |           | n,n-dimethylaminoethyl adj acrylate ) and   |           |                 |
|            |           | (polyallylamine adj hydrochloride or  |           |                 |
|            |           | "poly(allylamine hydrochloride)" or   |           |                 |
|            |           | "(poly)allylamine hydrochloride" or   |           |                 |
|            |           | polyethyleneimine or "poly(ethyleneimine)"  |           |                 |
|            |           | or "(poly)ethyleneimine" or polyacrylic adj   |           |                 |
|            |           | acid or "(poly)acrylic acid" or<br>"poly(acrylic acid)" or polymethacrylic adj  |           |                 |
|            |           | acid or "poly(methacrylic acid)" or   |           |                 |
|            |           | "(poly)methacrylic acid" )) and   |           |                 |
|            |           | 427/443.ccls.) or (((acrylamide or acrylic  |           |                 |
|            |           | adj acid or methacrylic adj acid or   |           |                 |
|            |           | hydroxyethyl adj acrylate or hydroxyethyl   |           |                 |
|            |           | ajd methacrylate or methacrylamide or   |           |                 |
|            |           | n,n-dimethylacrylamide or allylalcohol or   |           |                 |
|            |           | allyl adj alcohol or n-vinylpyrrolidone or  |           |                 |
|            |           | n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or  |           |                 |
|            |           | "poly(allylamine hydrochloride)" or   |           |                 |
|            |           | "(poly)allylamine hydrochloride" or   |           |                 |
|            |           | polyethyleneimine or "poly(ethyleneimine)"  |           |                 |
|            |           | or "(poly)ethyleneimine" or polyacrylic adj   |           |                 |
|            |           | acid or "(poly)acrylic acid" or   |           |                 |
|            |           | "poly(acrylic acid)" or polymethacrylic adj   |           |                 |
|            |           | acid or "poly(methacrylic acid)" or   |           |                 |
|            |           | "(poly)methacrylic acid" )) and ((351/159   |           |                 |
|            |           | 351/160R).ccls. )) or (((acrylamide or  |           |                 |
|            |           | acrylic adj acid or methacrylic adj acid or   |           |                 |
|            |           | hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or   |           |                 |
|            |           | n,n-dimethylacrylamide or allylalcohol or   |           |                 |
|            |           | allyl adj alcohol or n-vinylpyrrolidone or  |           |                 |
|            |           | n,n-dimethylaminoethyl adj acrylate ) and   |           |                 |
|            |           | (polyallylamine adj hydrochloride or  |           |                 |
| earch His  | tory 7    | "poly (allylamine, hydrochloride)" or   |           |                 |
| 1          | at\worker | - "poly (ally)amine hydrochloride)" or Page 100 (101) ally lamine hydrochloride" or 100 (100) ally lamine hydrochloride" or |           |                 |
| , AFF3 (ed | er/worksb | polyethylehelmine or "poly(ethyleneimine)"  |           |                 |
| 1          |           | or "(poly)ethyleneimine" or polyacrylic adj   | İ         | I               |

| 30 | 22    | ((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or "poly(acrylic acid)" or "(poly)methacrylic acid)" or "(poly)methacrylic acid" or "(poly)methacrylic acid" )) and 427/164.ccls. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20 06:51 |
|----|-------|---|---|------------------|
| 49 | 15    | polyionic adj layer   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/20 06:57 |
| 50 | 6322  | hydrophilic adj monomer   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/20 06:57 |
| 51 | 3     | (polyionic adj layer) and (hydrophilic adj monomer)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/20 06:57 |
| 29 | 133   | ((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" )) and ((427/412.1 427/407.1).ccls.)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20 07:34 |
| 52 | 475   | polycationic near10 polyanionic   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/20 07:35 |
| 53 | 51    | (polycationic near10 polyanionic) and (contact adj lens or ophthalmic)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/20 09:24 |
| 54 | 194   | (polycationic near10 polyanionic) and monomer   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/20 08:34 |
| 55 | 11065 | polyelectrolyte   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/20 08:35 |

| 62  | 0  | 427/164.ccls. and (polycationic near10 polyanionic)  | USPAT;<br>US-PGPUB;              | 2004/07/20 08:36 |
|-----|----|--|----------------------------------|------------------|
|     |    |  | EPO; JPO;<br>DERWENT;<br>IBM TDB |                  |
| 63  | 0  | 427/443.ccls. and (polycationic near10 polyanionic)  | USPAT;<br>US-PGPUB;              | 2004/07/20 08:36 |
|     |    | portanionic  | EPO; JPO;<br>DERWENT;            |                  |
| 65  | 3  | ((428/447 428/451 428/5125).ccls. ) and  | IBM_TDB<br>USPAT;                | 2004/07/20 08:36 |
| 65  |    | (polycationic near10 polyanionic)  | US-PGPUB;<br>EPO; JPO;           | 2004/07/20 00:36 |
|     |    |  | DERWENT;<br>IBM TDB              |                  |
| 64  | 1  | ((351/159 351/160R).ccls.) and (polycationic near10 polyanionic)   | USPAT;<br>US-PGPUB;              | 2004/07/20 08:37 |
| !   |    | The second secon | EPO; JPO;<br>DERWENT;            |                  |
| 61  | 1  | //427/412 1 427/407 1) colo  | IBM_TDB                          | 2004/07/20 00 27 |
| 9.1 |    | ((427/412.1 427/407.1).ccls.) and (polycationic near10 polyanionic)  | USPAT;<br>US-PGPUB;              | 2004/07/20 08:37 |
|     |    |  | EPO; JPO;<br>DERWENT;            |                  |
| 56  | 31 | ((427/412.1 427/407.1).ccls. ) and   | <pre>IBM_TDB USPAT;</pre>        | 2004/07/20 08:38 |
|     |    | polyelectrolyte  | US-PGPUB;<br>EPO; JPO;           |                  |
|     |    |  | DERWENT;<br>IBM TDB              |                  |
| 57  | 3  | 427/164.ccls. and polyelectrolyte  | USPAT;<br>US-PGPUB;              | 2004/07/20 08:52 |
|     |    |  | EPO; JPO;                        |                  |
| F.0 |    | 407/442  | DERWENT;<br>IBM_TDB              | 2224/22/22 22 22 |
| 58  | 1  | 427/443.ccls. and polyelectrolyte  | USPAT;<br>US-PGPUB;              | 2004/07/20 08:59 |
|     |    |  | EPO; JPO; DERWENT;               |                  |
| 59  | 14 | · · · · · · · · · · · · · · · · · · ·  | IBM_TDB<br>USPAT;                | 2004/07/20 08:59 |
|     |    | polyelectrolyte  | US-PGPUB;<br>EPO; JPO;           |                  |
| -   |    |  | DERWENT;<br>IBM TDB              |                  |
| 60  | 21 | ((428/447 428/451 428/5125).ccls. ) and polyelectrolyte  | USPAT;<br>US-PGPUB;              | 2004/07/20 09:13 |
|     |    |  | EPO; JPO;<br>DERWENT;            |                  |
| 32  | 23 | ((acrylamide or acrylic adj acid or  | IBM_TDB<br>USPAT;                | 2004/07/20 09:17 |
| 32  | 23 | methacrylic adj acid or hydroxyethyl adj   | US-PGPUB;                        | 2004/07/20 09:17 |
|     |    | acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or   | EPO; JPO;<br>DERWENT;            |                  |
|     |    | allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl  | IBM_TDB                          |                  |
|     |    | adj acrylate ) and (polyallylamine adj<br>hydrochloride or "poly(allylamine  |                                  |                  |
|     |    | hydrochloride) or "(poly)allylamine<br>hydrochloride" or polyethyleneimine or  |                                  |                  |
|     |    | "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj  |                                  |                  |
|     |    | acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj  |                                  |                  |
|     |    | acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" )) and ((351/159  |                                  |                  |
|     |    | 351/160R).ccls.)   |                                  |                  |

|    |       |   |   | 1 000 1 100 100 100 |
|----|-------|---|---|---------------------|
| 34 | 4     | (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid") and ((427/412.1 427/407.1).ccls.)) and (contact adj lens or ophthalmic) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20 09:17    |
| 66 | 2     | wo-9620919-\$.did.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20 09:25    |
| 67 | 2     | ("6589665").pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/20 09:41    |
| 68 | 2     | "00111526"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/20 09:42    |
| 35 | 9     | (((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" )) and 427/164.ccls. ) and (contact adj lens or ophthalmic)             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20 10:16    |
| 69 | 815   | (427/2.12 427/2.13 427/2.24).ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/20 10:17    |
| 73 | 32902 | (acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" )                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20 10:19    |

| 71 | 3      | ((427/2.12 427/2.13 427/2.24).ccls.) and ((polyallylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride") and  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;            | 2004/07/20 10:19 |
|----|--------|---|---|------------------|
| 70 | 23     | (polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" )) ((427/2.12 427/2.13 427/2.24).ccls.) and   | IBM_TDB USPAT;  | 2004/07/20 10:21 |
|    |        | ((polycationic near10 polyanionic) or polyelectrolyte)  | US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB           |                  |
| 74 | 75     | ((427/2.12 427/2.13 427/2.24).ccls.) and ((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20 10:26 |
| 75 | 66     | "(poly)methacrylic acid" )) ((((427/2.12 427/2.13 427/2.24).ccls.) and ((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate ) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid" ))) or (((427/2.12 427/2.13 427/2.24).ccls.) and ((polycationic near10 polyanionic) or polyelectrolyte))) not (((427/2.12 427/2.13 427/2.24).ccls.) and ((polycationic near10 polyanionic) or | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20 10:26 |
| -  | 395587 | polyelectrolyte)) acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20 06:07 |
|    | 52358  | polyallylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20 06:07 |
| -  | 2904   | (427/412.1 427/407.1).ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20 06:07 |

| - | 1234 | 427/164.ccls.  | USPAT;<br>US-PGPUB;   | 2004/07/20 06:07 |
|---|------|--|-----------------------|------------------|
|   |      |  | EPO; JPO;             |                  |
|   |      |  | DERWENT;<br>IBM TDB   |                  |
| _ | 231  | 427/443.ccls.  | USPAT;                | 2004/07/20 06:07 |
|   |      |  | US-PGPUB;             |                  |
|   |      |  | EPO; JPO;<br>DERWENT; |                  |
|   |      |  | IBM_TDB               |                  |
| - | 1633 | (351/159 351/160R).ccls.   | USPAT;<br>US-PGPUB;   | 2004/07/20 06:07 |
|   |      |  | EPO; JPO;             |                  |
|   |      |  | DERWENT;              |                  |
|   | 5779 | (428/447 428/451 428/5125).ccls.   | IBM_TDB<br>USPAT;     | 2004/07/20 06:07 |
|   | ]    | (420) 447 420/431 420/3123/.ccib.  | US-PGPUB;             | 2001,01,20 00101 |
|   |      |  | EPO; JPO;             |                  |
|   |      |  | DERWENT;<br>IBM TDB   |                  |
| _ | 133  | (acrylamide or acrylic adj acid or   | USPAT;                | 2004/07/19 15:21 |
|   |      | methacrylic adj acid or hydroxyethyl adj   | US-PGPUB;             |                  |
|   |      | acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or | EPO; JPO;<br>DERWENT; |                  |
|   |      | allylalcohol or allyl adj alcohol or   | IBM_TDB               |                  |
|   |      | n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj       |                       |                  |
|   |      | hydrochloride or "poly(allylamine  |                       |                  |
|   |      | hydrochloride) " or "(poly)allylamine  |                       |                  |
|   |      | hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or                          |                       |                  |
|   |      | "(poly)ethyleneimine" or polyacrylic adj   |                       |                  |
|   |      | acid or "(poly)acrylic acid" or  |                       |                  |
|   |      | "poly(acrylic acid)" or polymethacrylic adj<br>acid or "poly(methacrylic acid)" or       |                       |                  |
|   |      | "(poly)methacrylic acid") and ((427/412.1  |                       |                  |
|   | 22   | 427/407.1).ccls.) (acrylamide or acrylic adj acid or                                     | USPAT;                | 2004/07/19 15:21 |
| _ | 22   | methacrylic adj acid or hydroxyethyl adj   | US-PGPUB;             | 2004/07/19 13.21 |
|   |      | acrylate or hydroxyethyl ajd methacrylate or   | EPO; JPO;             |                  |
|   |      | methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or         | DERWENT;<br>IBM TDB   |                  |
|   |      | n-vinylpyrrolidone or n,n-dimethylaminoethyl   |                       |                  |
|   |      | adj acrylate) and (polyallylamine adj  |                       |                  |
|   |      | hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine                   |                       |                  |
|   |      | hydrochloride" or polyethyleneimine or   |                       |                  |
|   |      | "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj                        |                       | 1                |
|   |      | acid or "(poly)acrylic acid" or  |                       |                  |
|   |      | "poly(acrylic acid)" or polymethacrylic adj  |                       |                  |
|   |      | acid or "poly(methacrylic acid)" or "(poly)methacrylic acid") and 427/164.ccls.          |                       |                  |
| - | 0    | (acrylamide or acrylic adj acid or   | USPAT;                | 2004/07/19 15:21 |
|   |      | methacrylic adj acid or hydroxyethyl adj<br>acrylate or hydroxyethyl ajd methacrylate or | US-PGPUB;             |                  |
|   |      | methacrylamide or n,n-dimethylacrylamide or  | EPO; JPO; DERWENT;    |                  |
|   |      | allylalcohol or allyl adj alcohol or   | IBM_TDB               |                  |
|   |      | n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj       |                       |                  |
|   |      | hydrochloride or "poly(allylamine  |                       |                  |
|   |      | hydrochloride) " or "(poly)allylamine  |                       |                  |
|   |      | hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or                          |                       |                  |
|   |      | "(poly)ethyleneimine" or polyacrylic adj   |                       |                  |
|   |      | acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj              |                       |                  |
|   |      | acid or "poly(methacrylic acid)" or  |                       |                  |
|   |      | "(poly)methacrylic acid" ) and 427/443.ccls.   |                       |                  |

|   |       |   | r   | 1 000 100 700    |
|---|-------|---|---|------------------|
| - | 23    | (acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride)" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid") and ((351/159 351/160R).ccls.) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/19 15:21 |
| - | 144   | (acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid") and ((428/447 428/451 428/5125).ccls.)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/19 15:21 |
| - | 46221 | contact adj lens or ophthalmic  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/20 06:07 |
|   | 0     | ((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or "(poly)allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid") and 427/443.ccls.) and (contact adj lens or ophthalmic)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20 06:03 |

| 4 | ((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid" or "poly(methacrylic acid)" or "(poly)methacrylic acid" ) and ((427/412.1 427/407.1).ccls.)) and (contact adj lens or                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/19 15:23 |
|---|--|---|------------------|
| 9 | ophthalmic) ((acrylamide or acrylic adj acid or methacrylic adj acid or hydroxyethyl adj acrylate or hydroxyethyl ajd methacrylate or methacrylamide or n,n-dimethylacrylamide or allylalcohol or allyl adj alcohol or n-vinylpyrrolidone or n,n-dimethylaminoethyl adj acrylate) and (polyallylamine adj hydrochloride or "poly(allylamine hydrochloride" or polyethyleneimine or "poly(ethyleneimine)" or "(poly)ethyleneimine" or polyacrylic adj acid or "(poly)acrylic acid" or "poly(acrylic acid)" or polymethacrylic adj acid or "poly(methacrylic acid)" or "(poly)methacrylic acid") and 427/164.ccls.) and (contact adj lens or ophthalmic) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/19 15:30 |